THE EFFECTIVENESS OF MEET APPLICATION AS ONE OF ONLINE LEARNING MEDIA DURING PANDEMIC IN STIKES BULELENG'S PHARMACY STUDENTS

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Abstract

Covid-19 pandemic that has spread over 2 past years forced education world to look for other alternatives in doing learning process. It is because there is limited on activities that involve many people. All students, both students and college students, are required to study at home using online media. Teaching was changed from face to face to online system. All online-based teaching does from elementary school to high school and university levels. Sekolah Tinggi Ilmu kesehatan Buleleng (Setikes Buleleng) is one of school that implements online learning using Meet application. Meet is one of the online learning media used by students in attending lectures during pandemic. Online learning is really needs to be considered so that students understand when learning takes place. The purpose of this study is to find out and understand the effectiveness of online learning uses Meet at Stikes Buleleng. This study uses a qualitative research approach. In this study, the researcher uses approach based on the post-positivism paradigm. The data collected by doing interviews to the students. Based on the results of the study, it is found that online learning using Meet is effective. Online learning received a very good response from students because learning is more flexible when using it. With online learning, students are more enjoy, relax and encourage students to be more active in their studies. The existence of features in Meet makes learning more interesting so that students do not feel bored in attending lectures.
Keywords: effectiveness; online learning; Meet application

I. Introduction

The pandemic covid 19 that has lasted for the last 2 years has had a major impact of education. The Circular of the Ministry of Education and Culture No. 2 of 2020 and No. 3 of 2020 concerning the prevention and handling of corona virus disease (Covid-19) requires educational institutions to enforce online learning. The government has issued several policies or steps that can be taken during the corona virus pandemic. One of the policies taken was to suspend all teaching and learning activities which later turned into an online system or online learning. This change started from students at elementary school until higher school. All of the students should have learned from their house not only for higher student but also in the elementary students. Elementary school students will involve their parents to help the students in this process because they need their parents as a guide to learn. Their parents will help them in manage the use of teaching learning media. In this case students will need smartphone to help them in study. It is because all of tasks from school send by smartphone. For higher students in higher school until university have

same process in teaching learning. The students learn from home every day with schedule send from their teacher and the students given materials, exercises or examination from smartphone. In this case smartphone is so important to be mastery. There are so many ways to make students interactive and interesting to learn at home, the teacher or lectures should have innovative in teaching learning process so that the students not only given task but also transfer materials as same as face to face session. Online learning is one of the ways to help lecture and teacher to teach in this pandemic. Online learning helps students to more interactive in catch the materials from school or college.

Firstly, learning online was introduced because there was influence of electronic learning base (E-Learning) it was introduced by Illionis University in which it used computer learning sistem base. Learning online was a sistem provided facilities to study in everywhere without limited by distance, space and time. The materials for learning were ready to be used in that sistem. The materials can be provided in verbal, visual audio or movement. There are a lot of definition of learning online, some of them are: based on Bonk Curtis J. (2002). He said implisitly in online Training in an Online World Survey, concept of learing online has same meaning to e-learning. Meanwhile, based on The Report of the Commission on Technology and Adult Learning (2001) in Bonk defines

e-learning as "instructional content or learning experiences delivered or enabled by electronic technology". So that, related to the definition mentioned teacher and students need interactive comunication by applied information and communication technology. So based on their definition , the researcher can be said that online learning is a computer sistem by using computer network, in which this sistem provide facilities to study everywhere and anywhere because this sistem is not limited by distance space and time. In this case teh students and the teacher still have communication when learning.

The definition above is reinforced by Kitao, who defines online learning as a computer network sistem which interconected to other sistem in the world. But, the definition of online learning is not only related to hardwere only but also included softwere in which the data is send and save and can be acsessed anytime. From definition Kitao, the researcher can be concluded that online learning is a sistem to connect people in the world although between them are not know each other. This sistem also can be used as transfer data not only softwere but also hardwere and it can be acess from people who are connected with this terms.

Bilfaqih & Qomarudin (2015: 1) explain the notion of online learning as a class implementation program in a network that can reach a broad and massive target group. Mustofa, et al, (2019:153) expressed an opinion about online learning in a simple way,

namely one of the online learning methods carried out through the internet network. Thorme in (Kuntarto, 2017: 102) "learning in the network is a teaching that utilizes multimedia technology, virtual classes, video streaming, voice messages, animated online text, CD ROM, email, telephone conferences, to online video streaming". Based on the definition above the researcher can be said that online learning is interesting to be introduced to the students. It is because in this system there are so many things to interact students like, virtual classes, voice messages, animated, conference and anymore.

In conclusion online learning in simple terms can be defined as a system in learning process which is it do without face to face directly but it do by network system. Online learning is done by using connection of internet. By online learning, students are supposed have knowledge as same as in face to face process learning but in this case the students more enjoy, rilex, happy and pleasure because teaching learning process is doing at their house. Bilfaqih and Qomarudin (2015: 4) describe several benefits of online learning, including: 1) Increasing the effective use of multimedia and also improving the quality of education. 2) Online learning can increase the affordability of quality education and training. 3) Online learning can reduce the cost of providing education and training. In addition, the benefits of online learning include: 1) more relax teaching-learning process. With online learning,

students and teachers can be more relax because this learning activity takes place at home, so students and teachers are more comfortable during the learning process. 2) Pleasure Study Time. This is one of the advantages of online learning compared to face-to-face learning. Online learning allows students to manage their own study time, so that students who have activities outside of learning, such as work, can still study efficiently. 3) It is easier to memorize the subject matter. Because the online learning system is fully digital, learning materials are not in the form of physical books, but digital presentations and digital books. With learning materials that have been digitized, students do not need to experience difficulties such as difficulty reading (students experience face-to-face when sitting in the back row) and difficulty following dictation. Based on the description of the benefits above, online learning is the right solution to keep getting knowledge during the pandemic. Although sometimes during the learning process in real time, the uneven internet connection becomes an obstacle, but students still have learning alternatives such as digital books and free online learning applications from the private sector and government that make it easier for students to gain knowledge even though they are at home.

Most of the national university or high school has also realized on various forms of electronic learning, both to teach their students and for the sake of communication between

fellow lecturers. Such progress is largely determined by the positive attitude of society in general, parents, students, and education staff in particular towards computer and internet technology. The positive attitude of the people who have developed towards computer and internet technology, among others, can be seen from the increasing number of internet users and service providers. (Suryati, 2015: 60)

From the explanation above it can be said that online learning is very helpful for students and students are able to learn fully by online while they still socialize with their friends, learn a subject materials and participate in discussion session about the subject on going while it through video conference, documents, digital and the others, so that the teaching learning can be run well. There are a lot of online learning media can be used by students in follow teaching learning process one of them is Meet application. Meet is one of conference video or it can be called a meeting online. The use of the Meet application is fairly easy to use through any media. Students can use it using a PC or desktop that is already available on the laptop or computer of each user, or students can also use it through their mobile devices. So that the use of the Meet application is also fairly flexible and according to needs. The Meet application is also available free of charge, so students do not need to pay for its use. Like the other online application, Meet is also has some advantages, such as: 1) interactive

user interface. Meet application has interactive interface, unique, and functional. This application also has heavy size, so the application uses is faster than other application and the management of this application is efficient. Meet is so easy to be used or it is also called user friendly so students who are firstly use this application will not face difficulties to apply this application. 2) The number of participants to join is quite a lot. By using its free features, the Meet application is able to invite as many as 30 meeting participants. 3) Meet is integrated to Google calendar. As the name implied, Meet is one of Google product, this application is also integrated to other Google product, and one of them is Google Calendar. The students are able to know their schedule in faster and detail, and the user able to use meet calling in one click. 4) Meet can be access in any platform. Meet can be used and accessed in any platform, while in PC or desktop or cellular devices with Android or iOS operation system. The students are able to access this application everywhere and anytime. 5) There is direct text feature. When the students do online conversation, Meet is showing conversation text on the screen when the communication is going on. Started from the advantages of this application, the researcher writes a research about the effectiveness of Meet as one of online learning media during pandemic at Stikes Buleleng's Pharmacy Students.

The purpose of this research was to determine the effectiveness of Meet as an online learning for

Pharmacy students in semester 1 during the Covid-19 pandemic in Stikes Buleleng. The results of the research are expected to be an inspiration for teachers both in high school-level institutions and in schools that support this application in implementing distance learning during the Covid-19 pandemic.

II. Research Method

This research was use qualitative approach research. Qualitative research is research based on positivism post philosophy which was used to research the object condition naturally where the research as a key instrument and the result of the research more emphasize on the meaning than generalization. Qualitative research tried to find what the happened in the behind of the action, not outside phenomena but inside phenomena and emphasize more on meaning and process than the result of the activities. The research method used was descriptive qualitative method. The populations of the research were Pharmacy students at Stikes Buleleng in terms one which they categorized as active students in followed lesson. The samples of this research were 30 students who were ready to interview by Whatsapps application. The object of this research was the learning result of students during used Meet application. The data collection technique was used interview in deeply by online used Whatsapp and Meet too because remembering of the pandemic situation was not ready yet to go. After done interview session, the researcher got such information and data was needed, next the researcher continued data analysis. The data analysis is a process to find out and arrange the data in sistematically. The data was gain based on the result of interview, note from the field observation, and documentation through organized the data. The data analysis was done use analysis model Miles and Hubermn (1994) in generally, there are three qualitative data analysis lines such as, the reduksi of data, the presentation of the data and conclusion of the data. Data reduksi is a process of choosing, attention of simple way centralization, abstract and transformer of notice rough data from the observation in the field. Data presentation is an activity when the information is arranged, so that it gives possibility to pull conclusion and action take place. Conclusion is a condition where the research takes conclusion of the research. It uses to gain effectiveness of online learning was done of Pharmacy students at Stikes Buleleng when pandemic. The means of online learning in this research is learning use Meet application.

III. Result and Discussion

The results showed that online learning use Meet application for Stikes Buleleng's Pharmacy students during the pandemic Covid-19 virus could be said to be effective. However, there are some technical obstacles that hinder the online learning process. The use of Meet application is an alternative as distance learning for lecturers and

students in Stikes Buleleng environment. The procedure for using Meet application was simple and quite easy because it can be used by mobile phones or on a computer or PC. The steps for using Meet that were applied during learning as follows: 1) The students must download the Meet application on the Play store if it's on mobile and on Google if it's on a laptop. (2) After downloading the student will be given an ID to enter the meeting. (3) After being given the student id, they can join by selecting join or Join now. (4) When you have entered the student ID, you can join immediately. This application is so easy to be done because there is procedure followed to install in this application. The language use is simple and easy to be understood.

Learning through Meet application makes learning more effective because there are interactive features on Meet. In this application there are document sharing feature for presentation slides, a chat feature that can be used during learning, interest background that can be chosen by the students when they are meet in Meet. Sharing document is feature to share students' document like power point, words sheet, and also share pictures. When the students had presentation, they only share the slide of power point in this features and it can be seen by all the students. A chat feature is feature for students to have chatted when they have presentation. The chat will show on the screen and the students can read it. When the students have presentation and any

question from the others students they can chat in chat features without disturb presentation process. Meet also has interesting background features. There are many beautiful and eye catch background can be chosen by the students to make their presentation or screen display are interactive, good and enjoy to be seen. Besides, Meet application are allowed the student to have more interactive to other students. They can talk enjoy before the class started and the teacher join in the class. They can take photo as a documentation and also sharing any topic related to the lesson without feel worried and nervous before the lesson started. If they have any discussion for more understanding between them they can use this application to discuss it. They also use Meet to have meeting. As we know students have a lot of kinds activities and pandemic situation is not allowed them to stay together for a long time, so Meet is one solution to help them when they have meeting for their activity. So it can be said that Meet application is not only effective in their learning but also in their activity at school.

The following results were summarized into three components, namely (1) understanding, (2) acceptance, and (3) effectiveness. Understanding in this research means the ability of students to be able to understand or master teaching material in a lesson. Understanding was not just knowing, but also wanting the students who are learning to use or apply what they had understood. The research data

showed that as many as 10 students showed: (1) as many as 2 students answered admitted that it was difficult to understand when they were learn by online. Based on interviewed result, the students were unclear understand the materials because of they were used to in face to face teaching learning process. This is the first time for them to learn online. They felt they still uncomfortable in this teaching learning process so that they less understand the materials. They still adaptation to the online learning system. (2) as many as 3 students answered quite understood during learnt. Based on interviewed to the students, in this session, the students were able to learn by online system but still less understood the materials because they confuse to lecture explanation and the materials were also difficult too. And 3) as many as 5 students answer were mostly able to understand the lesson. The results of the research on understanding show that most students understood the used of Meet application well.

Acceptance in this research related to students' perceptions of the media in the implementation of online learning. This acceptance concerns the level of clarity in the delivery of message symbols through writing, pictures, sound, and their compatibility (writing, pictures and sound) as a medium of communication. The results showed 1) as many as 1 student stated that it was not clear when online learning took place. It is because they still confuse to the system. Meanwhile, 2)

as many as 2 students admitted it was quite clear and 3) as many as 8 students stated it was clear. Another data showed that one student said that when she learnt, she often unclear due to the speaker factor, which sometimes disappeared depending on the signal strength and sound during learning. The results showed that students were able to accept learning quite clearly.

Furthermore, the effectiveness of online learning implemented in Stikes Buleleng's pharmacy students program made students more flexible when carried out lectures. This was in line with Firman's research (2020) where students felt more comfortable to ask questions and express opinions in lecture forums that were held online. Learnt from home made them not felt peer pressured as usually they felt when studied with their friends in face-to-face lectures. The physical absence of lecturers also made them not felt awkward in expressing their opinions.

Research data also showed that online distance learning for students had its own challenges. The challenged is related to the availability of internet services. Internet network and quota problems for students were also one of the challenges faced in online learning. Given that not all students access the internet with personal cellular data services and only a small number of students used WIFI, this can be overcome with the help of quotas for students provided by the government.

Based on these descriptions, it can be said that online learning at

Stikes Buleleng' Pharmacy students was very effective used Meet application which had been prepared during the current covid-19 pandemic. Learning can be said flexible and the implementation made it easier for students to participate in online or distance learning activities. Online learning used Meet application got very good responded from students. They are many features that made it easy, pleasure and enjoy when the students learning trough online learning system. This application also made it easier for students to interact with classmates even though they rarely meet and interact during the pandemic. The students were able to communicate and had conference to their friends in the classroom without stay together for a long time. In Meet they can talk active, discuss and share difficult lesson during the teaching learning process.

IV. Conclusion

Based on the research, it can be concluded that online learning have good responds from students because learning is more flexible when using it. With online learning, students are more independent and encourage students to be more active in their studies. In its application, there are several things that need to be considered, one of which is the availability of internet data packages, which students spend more extra on when learning online.

Online learning through Meet makes learning more effective, due to the many supporting features during online learning in the midst of the covid-19 pandemic. The Meet application also provides enormous benefits for learning, including: 1) Increasing the effective use of multimedia and also improving the quality of education. 2) Online learning can increase the affordability of quality education and training. 3) Online learning can reduce the cost of providing education and training. In addition, the benefits of online learning include: 1) a more relaxed, enjoy and pleasure during teaching-learning process. With online learning, students and teachers or lectures can be more relaxed because learning activities take place at home, so students and teachers or lecturers are more comfortable during the learning process. 2) Flexible Study Time. This is one of the advantages of online learning compared to face-to-face learning. Online learning allows students to manage their own study time, so that students who have activities outside of learning, such as work, can still study efficiently. 3) It is easier to memorize the subject matter. Because the online learning system is fully digital, learning materials are not in the form of physical books, but digital presentations and digital books. Besides, online learning also helps the students to know technology that improve so faster. They will face to the modernists era in which all of thing in the world will be connect to network. So by learning using this system the students started to introduced to era globalization.

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